Accutech's competitive advantage

The LC 1200 is designed to be a turnkey patient egress monitoring system that alerts facility personnel when a monitored resident enters a designated area. It can be used for special care residents who tend to wander or leave a facility without authorization.

The LC unit uses a simple but effective concept: A small unobtrusive tag is banded to the resident and LC units are placed at points of egress. When a tag enters a monitored area, the system automatically:

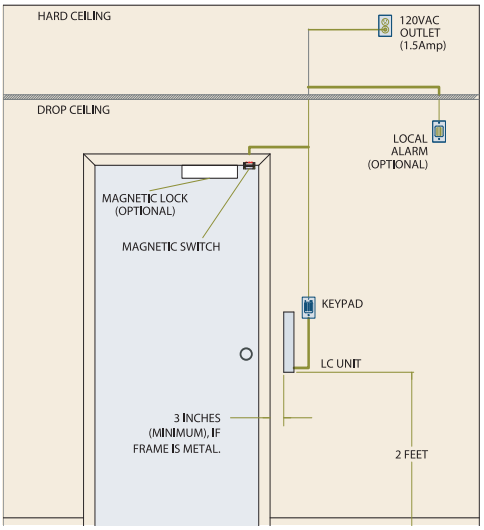
- Sounds alarms if doors open
- Locks doors
- Deactivates elevators
- Flashes lights
- Triggers visual display (Alert Panel CCTV)

Since LC units only react to tags, they do not restrict the movement of other residents, staff or visitors.

The LC unit's range of coverage is determined by the size of Tx Activation Field. An LC unit's Tx Activation Field can be expanded to 10 feet or reduced to accommodate the environmental conditions of virtually any doorway, hallway or elevator you wish to monitor.

The LC 1200 unit comes with the following features:

- 12-volt tag detect output
- Relay output ($\frac{\text{comm.}}{\text{N.O.}}$)
- Stagger tuning
- Power loss supervisor
- Tamper switch
- Perimeter door function
- Single zone monitoring
- Multiple tag styles



Additional options:

- External sounders
- Magnetic locks
- Elevator deactivator
- Automatic door deactivator
- Day/night timer
- Staff alert panel
- Graphic display panel
- Fire panel interface

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Component Specifications

LC Unit

The LC units are placed at points of egress. When a tag enters a monitored area, the system automatically alarms and locks the doors. This ensures patients' safety without restricting the movement of other residents, staff or visitors.

Key Pad

The key pad is used to escort residents through a monitored zone and to reset zone equipment once an alarm has occurred. Up to 56 different (3-to-8 digit) user codes can be used to reset the alarm and to activate the escort function.

Magnetic Switch

The magnetic switch is used on doors when alarm activation is desired only when the door is opened.

	LC Unit		Key Pad		Magnetic Switch	
Electrical	Operating Voltage	Minimum: 12V DC Provided: 12V DC unregulated	Operating Voltage	UL rated at 12V DC Manufacturer rated at 9 to 16V DC	Operating Voltage	150V DC maximum
	Current Consumption	Minimum: 250mA Provided: 1A	Standby Current Drain	15 mA typical	Contact Rating	3 watts
	Wire Connections	Terminal block	Current Drain with Outputs Active	55 mA typical	Maximum Switch Voltage	30V AC/DC
	Cable	Required minimum 18-gauge, 2-conductor, shielded	Contacts	10 A/30V AC/DC	Switching Current	0.5 amps DC
			Cable	Minimum 22-gauge, 4-conductor	Cable	22-gauge, 2-conductor minimum
Mechanical	Construction	Vacuum-molded ABS	Size	4-5/8" x 2-7/8" x 1-3/8"	Size	2.5" x 0.8" x 0.6"
	Size	13.25" x 2.5" x 2.25"	Weight	4.3 ounces	Weight	1.2 ounces
	Weight	1 U.S. pound	Mounting	Flush or surface mount Metal box not recommended	Color	Brown
	Mounting Surface	Four 3/16" screws			Mounting	Flush or surface mount Metal box not recommended
Operating Characteristics	Tuning Frequency	Nominal 131 kHz, 129-133 kHz for Stagger	Power Failure	EEPROM retains programmed data during power failures	Contacts	N.O., N.C. and Common
	Transmit/Receive Frequency	418 MHz	Relay Control	Programmable, 1-98 seconds	Initial Contact Resistance	100 ohms maximum
	Frequency Range	Up to 10 feet radius (360°)	LED status	Green – Escort or reset Yellow – Power Red – Alarm	Operating Time	1.0 ms maximum
	Output Impedance	300 ohms nominal			Bounce Time	N.C. leg 1.5 ms maximum N.O. leg 1.0 ms maximum
	Internal Peizo	85 db at 10 feet			Release Time	0.5 ms maximum
					Maximum Operating Frequency	200 Hz
					Insulation Resistance	1 x 10 ohms maximum
					Electrostatic Capacitance	1.5 pF maximum
Environmental	Operating Temperature	32° to 120° F Intended for indoor use only	Operating Temperature	32° to 120° F	Operating Temperature	32° to 120° F Intended for indoor use only
Duty Cycle	Rated for continuous use		Rated for continuous use		Rated for continuous use	

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Access Control
(BP9480)

MADE IN AMERICA

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